

Clean drawing machines thanks to ideal wetting

BECHEM ZD VS 640 and **BECHEM ZD VS 642** are highly capable products for copper wire drawing that exceed growing customer requirements in terms of environmental regulations, optimizing processes and combining methods.

Due to their special formulation the products **BECHEM ZD VS 640** and **BECHEM ZD VS 642** achieve a high lubricity as well as excellent detergency and ensure surface qualities that do not require further treatment. Due to extended emulsion lifetime; maintenance is reduced, productivity is increased and the process is continuously improved.



» Highest efficiency and performance in copper wire drawing. «

PRODUCT	Mineral oil approx. [%]	Kinematic viscosity [mm ² /s] at 20 °C	Applications	Recommended service concentration	
BECHEM ZD VS 640	30	325	Drawing of bare, tin and silver plated copper wires in single and multi-wire systems down to smallest diameters of 0,15 mm	Rod wire drawing: Medium wire drawing: Fine wire drawing: Continuous annealing:	approx. 14-18 % approx. 6-10 % approx. 4-8 % approx. 1 %
BECHEM ZD VS 642	47	150	Drawing of bare and tin plated copper wires in single and multi-wire systems down to final diameters of 0,10 mm	Medium wire drawing: Fine wire drawing (single wire): Fine wire drawing (multi wire): Continuous annealing:	approx. 6-8 % approx. 2-4 % approx. 8-10 % approx. 1 %

All indications and values correspond to latest knowledge and

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